

WHAT IS CLAIMED IS:

1 1. A method of generating a configuration comprising a plurality of components
2 each having an associated context state, said context state equal to one or more of a plurality
3 of values, said method comprising:

4 caching a current context state in response to a requirement for the installation of a
5 component;

6 changing the current state of the context to the associated state of the context if they
7 are not equal;

8 installing the component as part of the configuration; and

9 restoring a cached state of the context upon completing installation of the component.

1 2. A server adapted to generate a configuration, the server comprising:

2 a cache configured to hold a current context state in response to a requirement for the
3 installation of a component, wherein the component is one of a plurality of
4 components each having an associated context state, said context state equal to
5 one or more of a plurality of values;

6 a change module adapted to change the current context state to the associated state of
7 the context if they are not equal;

8 an install module adapted to install the component as part of the configuration; and

9 a restore module adapted to restore a cached state of the context upon a completion of
10 an installation of the component.